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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO. 30523/105/ANRC

In re patent application of
Henryk LUBON et al.

U.S. Serial No. 07/943,246

Group Art Unit: 1819

Filed: September 10, 1992

Examiner: D. Crouch

For: EXPRESSION OF ACTIVE HUMAN PROTEIN C IN MAMMARY TISSUE OF
TRANSGENIC ANIMALS USING A LONG WAP PROMOTER

AMENDMENT AND RESPONSE UNDER 37 CFR §1.111

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Responsive to an office action mailed in the above-captioned case on January 13, 1997, applicants request that the PTO amend the above-identified application in the manner detailed below. The period for response is extended in accordance with the accompanying petition and fee payment.

IN THE CLAIMS

Please amend the claims as follows.

2. (Twice amended) The transgenic non-human mammal of claim 1, wherein said protein C is human protein C, and wherein said DNA sequence encoding protein C further comprises [portions of] regulatory elements located in the non-coding regions of the human protein C gene, wherein said regulatory elements are the AUG start codon, donor and acceptor splice signals, the secretion peptide, translation termination signal, transcription termination signal, and polyadenylation signal.

4. (Amended) The transgenic non-human mammal of claim 1, wherein said exogenous DNA sequence comprises a DNA sequence [consisting essentially of] comprising the 5' 4.2 kb Sau3A - Kpn1 promoter fragment of the mouse whey acidic protein promoter

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J. J. Conrad